PTO/SB/08A (08-00) oved for use through 10/31/2002. OMB 0651-0031 emark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO						Application Number	Filed Herewith 10/003602				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)						First Named Inventor:	Wingyu Leung	003602			
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	A1	5003542			M	Iashiko et al.	03/26/1991				
	A2	56383	5638385			field et al.	06/10/1997				
	A3	6065146			В	osshart	05/16/2000				
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J	"A Class of Optimal Minimum Odd-weight-column SEC-DED Codes" by M.Y. Hsiao, July 1970, pages 395-401										
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<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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(Use as many sheets as necessary)						E	Examiner name:	A. Decady	GROUP: 2133				
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Examiner Initials*	Cited <u>Document Num</u> No. <sup>1</sup> Number - Kind Cod			n <u>ber</u> le <sup>2(() brown)</sup>		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines Where Relevant Passages or Figures Appear				
ロゴンゴ	Cı	C1 US-4380812			04	l-19-1983	Ziegler, II et al.						
1	C2	C2 US-		US-4694454		09	)-15-1987	Matsuura					
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perwork Reduction of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Ro Substitute for form 1449A/PTO **Application Number** 10/003.602 Filing Date 11/14/2001 INFORMATION DISCLOSURE First Named Inventor: Wingyu Leung STATEMENT BY APPLICANT **GROUP: 2133** Examiner name: A. Decady (Use as many sheets as necessary) Sheet of Attorney Docket Number MST-012 U.S. PATENT DOCUMENTS Examiner Cited Document Number **Publication Date** Name of Patentee or Pages, Columns, Lines No. 1 Number - Kind Code 2015 known) Initials\* MM-DD-YYYY Applicant of Cited Document Where Relevant Passages or Figures Appear CIFI BI US-5,524,220 06-04-1996 Verma et al. B<sub>2</sub> US-6,147,535 11-14-2000 Leung US-FEB 0 4 2004 US-US-Technology Center 2100 US-**FOREIGN PATENT DOCUMENTS** Examiner Cite Publication Pages, Columns, Lines Initials\* No. 1 Foreign Patent Document Date Name of Patentee or Where Relevant Té MM-DD-Applicant of Cited Passages or Figures Cntry Code<sup>3</sup> Number<sup>4</sup> Kind Code<sup>5</sup> (If Immun) YYYY Document Appear **B3** CILI GB 2289779 11-29-1995 Intel Corporation OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) "Error detection and correction with the IDT49C466" by Anupama Hegde, 12/18/1994, No. 10, pages 613-620. CORT "Error Correction Circuitry for Dynamic Random Access Memories", IBM Technical Disclosure Bulletin, Vol. 36, No. 08, August 1993, pages 681-682. **EXAMINER SIGNATURE:** DATE CONSIDERED:

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